

currently selected holding means to represent whether an inserted disc is present.

6. The disc player according to claim 5 wherein said means for controlling includes means for examining each address in response to a disc not being inserted at said first position, means for selecting one of said first through n^{th} holding means, containing a disc, and means for transferring said disc to said second position.

7. The disc player according to claim 4 wherein said disc sensing means is effective for detecting whether a disc is present, in said means for moving, between said first and second positions.

8. The disc player according to claim 4 wherein said disc sensing means includes means for detecting whether a disc is present, in said means for moving, during deceleration upon approaching said second position.

9. The disc player according to claim 4 wherein said disc sensing means includes means for detecting whether a disc is present in said disc playing means.

10. A changer-equipped disc player for storing and playing an n number of discs comprising:

means for moving one of said discs between a first position, a second position, and a third position of said means for moving;

disc playing means for playing said one of said discs; said first position permitting ejection and insertion of said one of said discs from and into said means for moving; said second position permitting loading and unloading of said one of said discs between said means for moving and said disc playing means;

a storage means for storing said discs within said changer-equipped disc player having an n number of holding means for holding said discs;

said n number of holding means including a first holding means through an n^{th} holding means permitting storage of a first through an n^{th} discs of said n number of discs, respectively;

means for aligning a selected holding means of said first through n^{th} holding means and said third position by moving at least one of said selected holding means and said third position;

said means for moving including means for transferring contents of said selected holding means, at said third position, between said storage means and said first and second positions;

means for sensing whether a disc is transported from said first position by said means for moving;

memory means for storing a current status associated with each of said first through n^{th} holding means;

means for operating said changer-equipped disc player including a stocking control;

means for storing and playing discs including a main storage control means for controlling said means for moving and said means for aligning, wherein said main storage control means is responsive to said stocking control when said means for moving is in a receptive state for accepting discs at the first position; and

said main storage control means includes means for actuating said means for moving to effect transport from said first position to said third position for loading said selected holding means and writing data in said memory means at an address associated with said selected holding means to represent whether said means for sensing senses a presence of an inserted disc.

11. The disc player according to claim 10 wherein said main storage control means includes means for examining

said memory means to select a holding means without a disc, after determining that a disc has been transported from said first position to said third position, and means for placing said means for moving in a receptive state for insertion of a disc at said first position.

12. The disc player according to claim 11 wherein said main storage control means includes means for examining said memory means to select a holding means containing a disc, after determining that a disc has not been inserted, and means for actuating said means for moving to transport said disc contained in said selected holding means to said second position.

13. The disc player according to claim 10 wherein said main storage control means includes means for determining that each of said holding means contains a disc by examining said memory means, after determining that a disc has been transported from said first position to said third position, and means for selecting one of said holding means and transporting a disc therein to said second position.

14. The disc player according to claim 10 wherein:

said means for moving includes a tray and carriages carried in said holding means;

said carriages include means for accepting discs; and

said means for moving includes means for transporting said carriages between said first, second, and third positions.

15. A changer-equipped disc player for storing and playing an n number of discs comprising:

means for moving one of said discs in a first direction between a first position, a second position, and a third position of said means for moving;

disc playing means for playing said one of said discs;

said first position, disposed at least partially outside said disk player, including means for permitting ejection and insertion of said one of said discs from and into said means for moving;

said second position including means for transferring said one of said discs between said means for moving and said disc playing means;

means for storing said discs within said changer-equipped disc player having an n number of holding means for holding said n number of discs;

means for sensing whether a disc is transported from said first position by said means for moving;

means for aligning a selected holding means, of said n number of holding means, and said third position by moving at least one of said selected holding means and said third position, to permit said means for moving to move contents of said selected holding means;

a memory including means for storing a current status associated with said n number of holding means;

means for operating said disc player including means for monitoring said means for sensing and means for writing to said memory, associated with a currently selected holding means, data indicating whether a disc is transported from said first position to said third position.

16. The disc player according to claim 15 wherein said means for sensing includes means for detecting whether a disc is present in said means for moving during deceleration upon approaching said second position.

17. A changer-equipped disc player for storing and playing an n number of discs comprising:

a stocker having an n number of holding means for holding said n number of discs, respectively;